National Institute of Environmental Health Sciences

Plant food allergens: Another climate change-public health link

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Abstract:

The recent article titled “Rising CO2, Climate Change, and Public Health: Exploring the Links to Plant Biology” (Ziska et al. 2009) is an interesting and useful commentary on this important topic. Although some aspects of the article have been considered in some detail previously, such as the impacts of climate change and elevated carbon dioxide on aerobiology (e.g., Beggs 2004; Confalonieri et al. 2007) and the human health implications of this (e.g., Beggs and Bambrick 2005; Shea et al. 2008), the broader review of links between climate change, plant biology, and human health, particularly the examination of toxicology and pharmacology, is timely and brings together a number of somewhat distinct areas of research.

Source: http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2685859

Resource Description

Exposure :

weather or climate related pathway by which climate change affects health

Air Pollution, Unspecified Exposure

Air Pollution: Allergens

Geographic Feature:

resource focuses on specific type of geography

None or Unspecified

Geographic Location:

resource focuses on specific location

Global or Unspecified

Health Impact:

specification of health effect or disease related to climate change exposure

Dermatological Effect, Respiratory Effect, Other Health Impact

Respiratory Effect: Asthma, Upper Respiratory Allergy

Other Health Impact: food allergy

Resource Type:

format or standard characteristic of resource

Policy/Opinion

Timescale:

time period studied

Time Scale Unspecified